

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015288.D
 Acq On : 23 Aug 2023 18:09
 Operator : SY/MD
 Sample : 04103-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:34:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

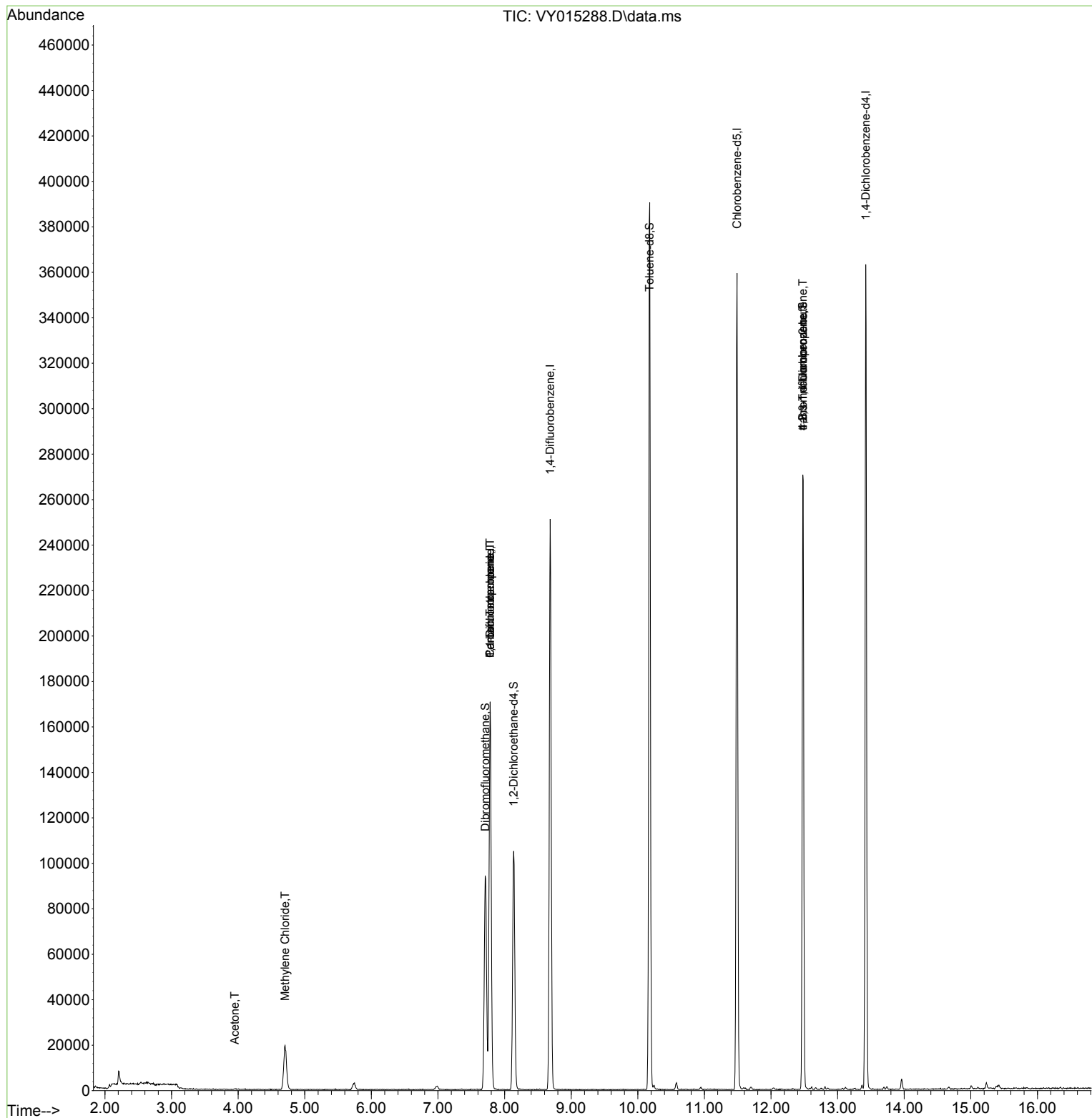
Internal Standards						
1) Pentafluorobenzene	7.783	168	130316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84821	54.222	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.440%			
35) Dibromofluoromethane	7.710	113	67504	49.094	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.180%			
50) Toluene-d8	10.179	98	253505	49.527	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.060%			
62) 4-Bromofluorobenzene	12.477	95	82363	44.056	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.120%			
Target Compounds						
3) Chloromethane	2.101	50	200	Below Cal	#	43
5) Bromomethane	2.643	94	339	Below Cal	#	77
16) Acetone	3.948	43	551	1.078	ug/l #	48
20) Methylene Chloride	4.704	84	14596	8.310	ug/l #	83
31) Cyclohexane	7.783	56	2845	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	9864	6.484	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12811	7.116	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	46437	42.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46437	93.248	ug/l #	11

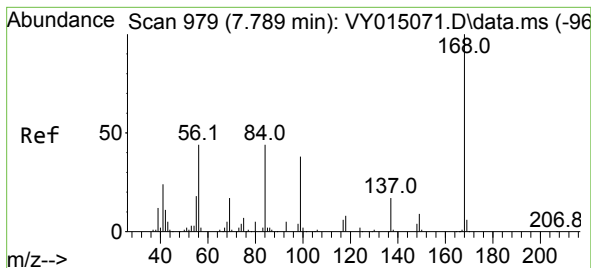
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

Instrument :

MSVOA_Y

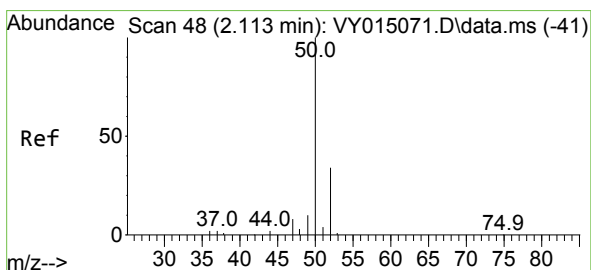
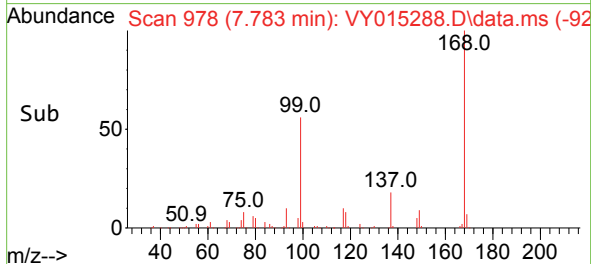
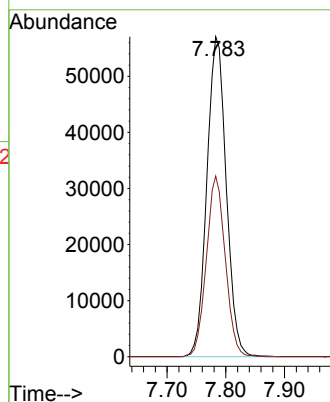
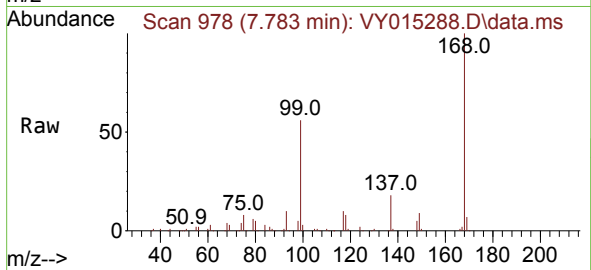
ClientSampleId :

Tgt Ion:168 Resp: 130316

Ion Ratio Lower Upper

168 100

99 56.5 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.101 min Scan# 46

Delta R.T. -0.006 min

Lab File: VY015288.D

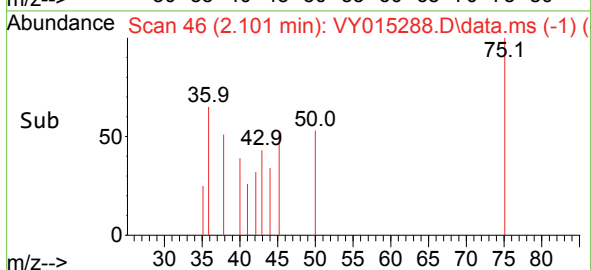
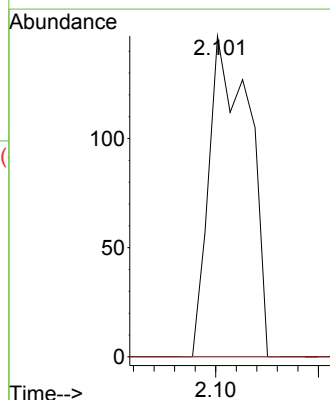
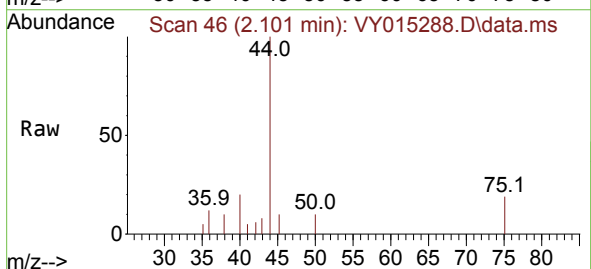
Acq: 23 Aug 2023 18:09

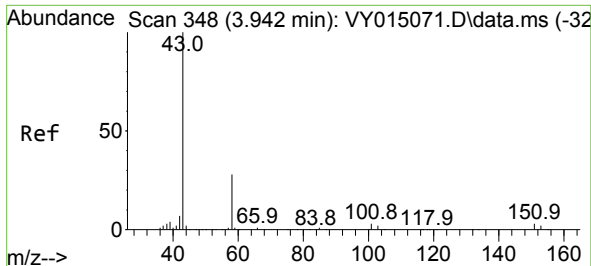
Tgt Ion: 50 Resp: 200

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#

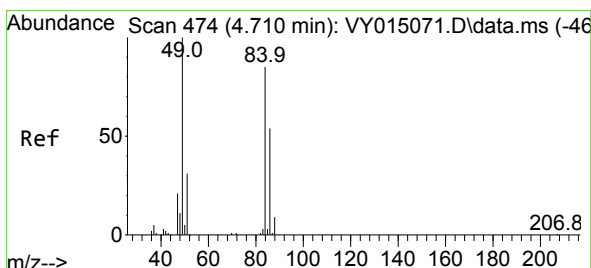
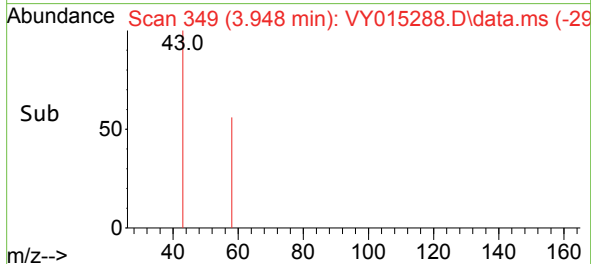
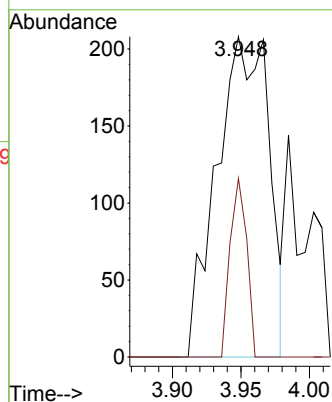
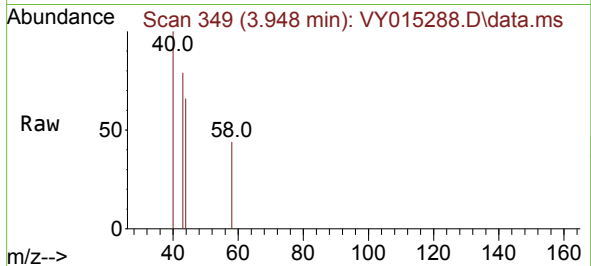




#16
Acetone
Concen: 1.078 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

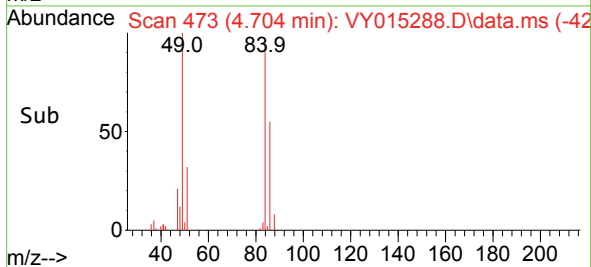
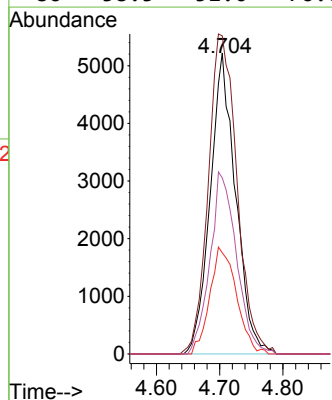
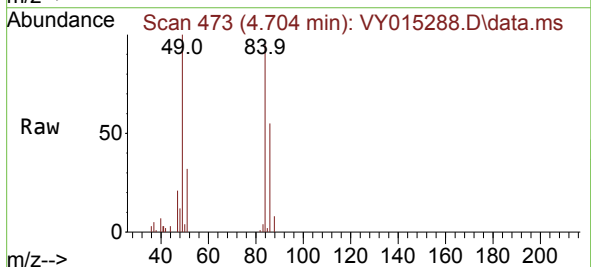
Instrument :
MSVOA_Y
ClientSampleId :

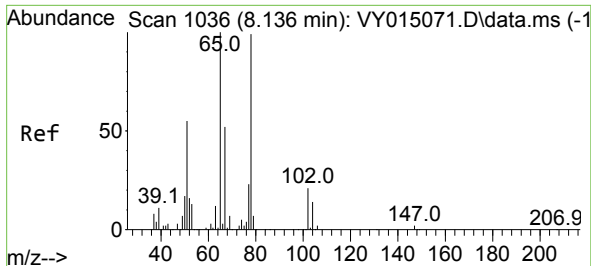
Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 55.8 22.7 34.1#



#20
Methylene Chloride
Concen: 8.310 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

Tgt Ion: 84 Resp: 14596
Ion Ratio Lower Upper
84 100
49 105.7 106.9 160.3#
51 33.6 33.2 49.8
86 58.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.222 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

Instrument :

MSVOA_Y

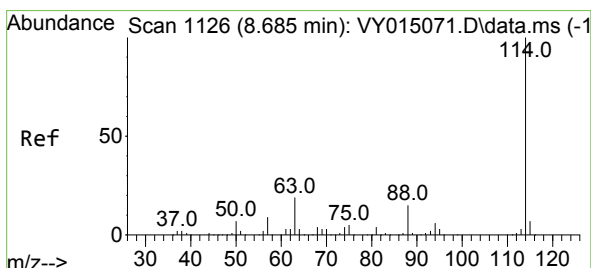
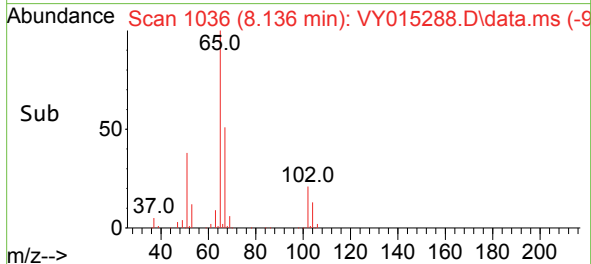
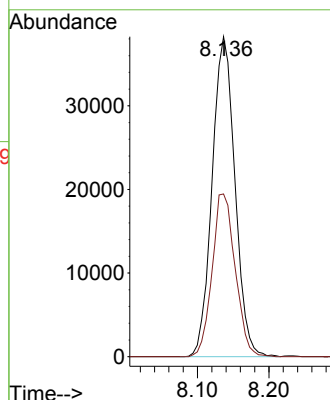
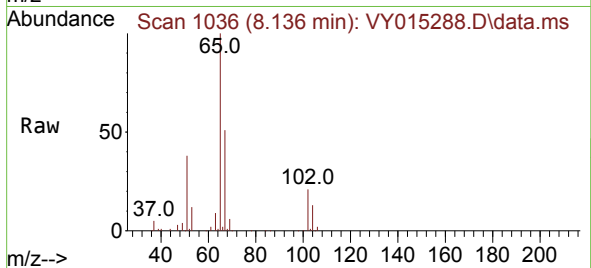
ClientSampleId :

Tgt Ion: 65 Resp: 84821

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

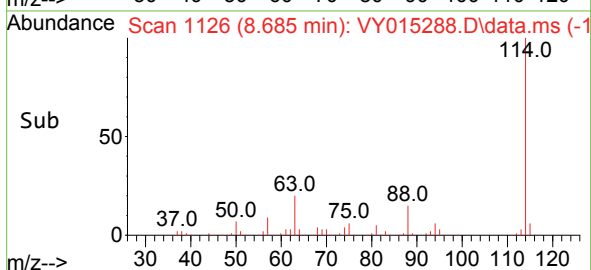
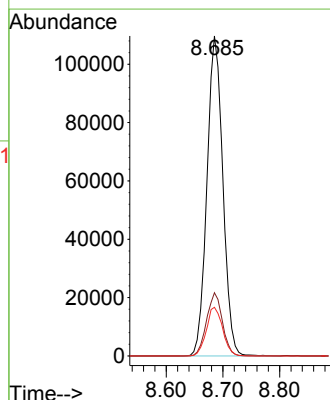
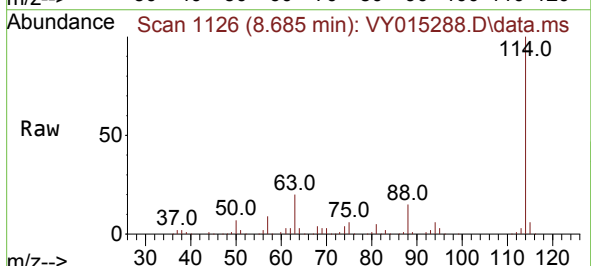
Tgt Ion: 114 Resp: 213728

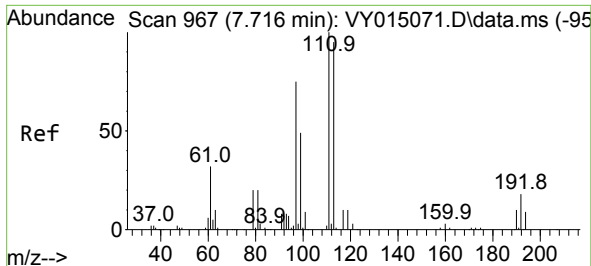
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.2 0.0 30.6

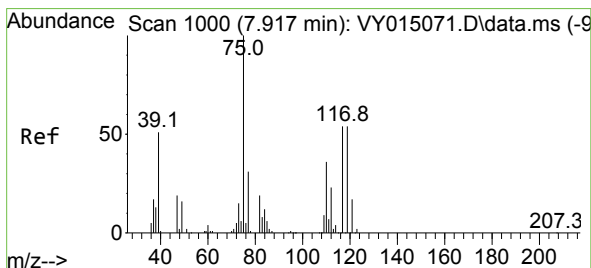
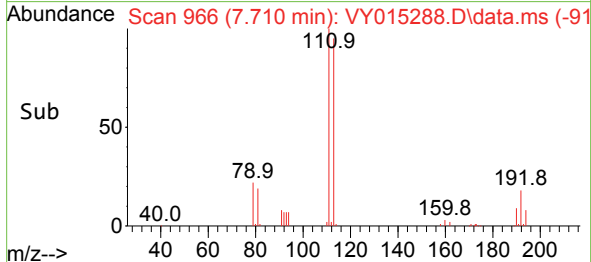
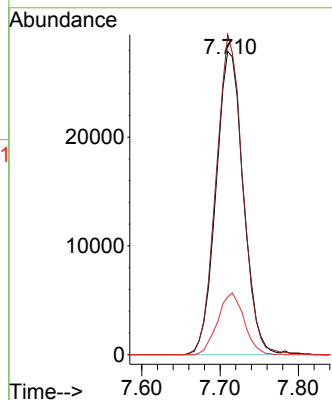
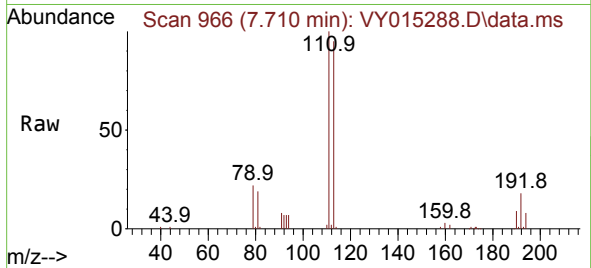




#35
Dibromofluoromethane
Concen: 49.094 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

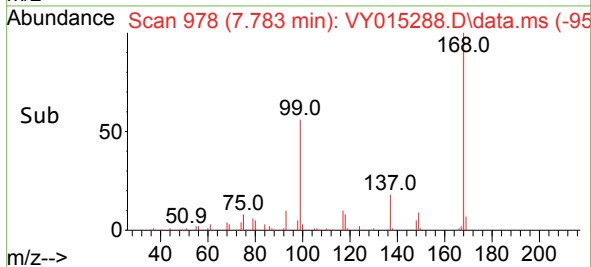
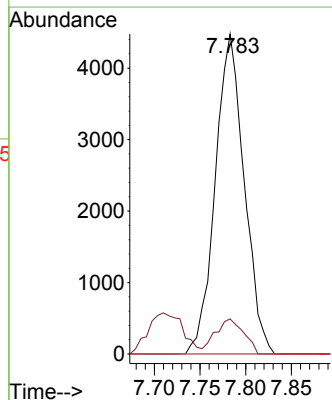
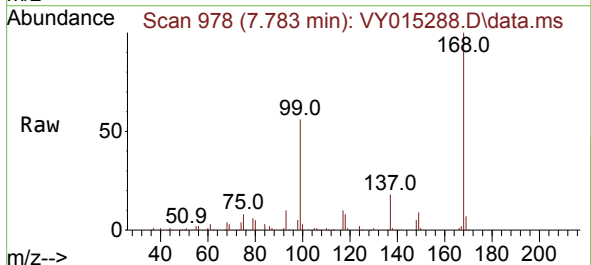
Instrument :
MSVOA_Y
ClientSampleId :

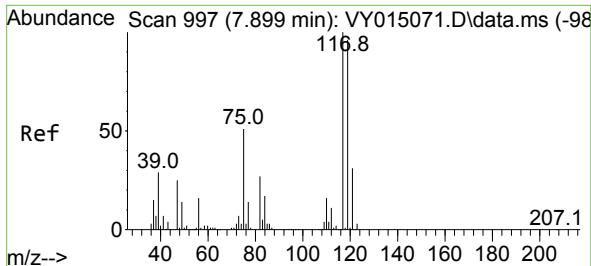
Tgt Ion:113 Resp: 67504
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.484 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

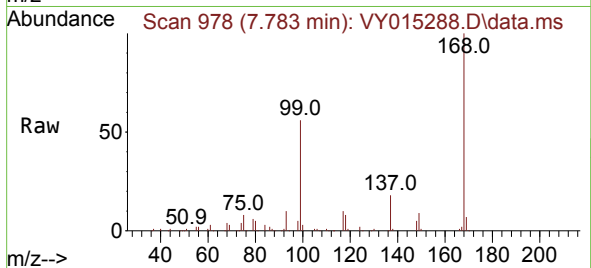
Tgt Ion: 75 Resp: 9864
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 0.0 24.4 36.6#



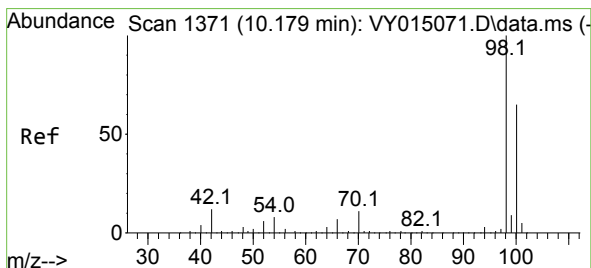
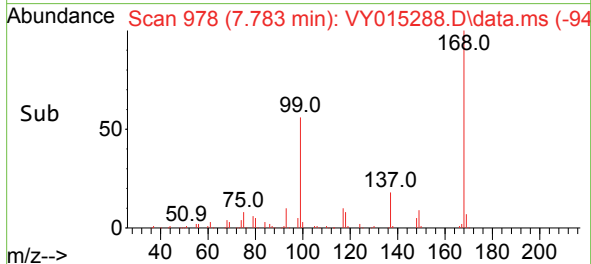
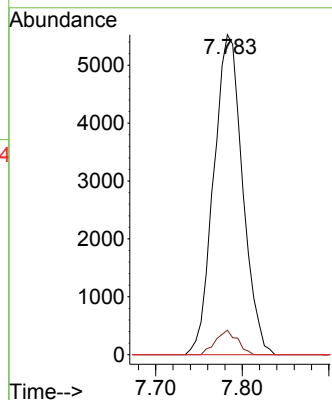


#38
Carbon Tetrachloride
Concen: 7.116 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :

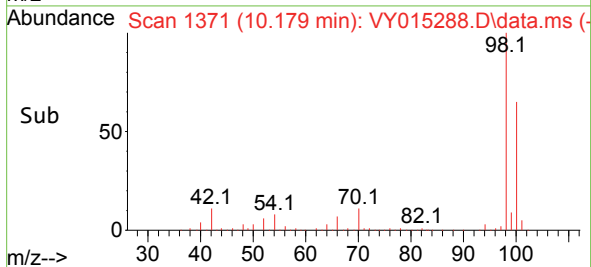
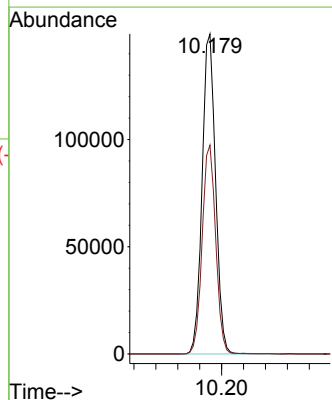
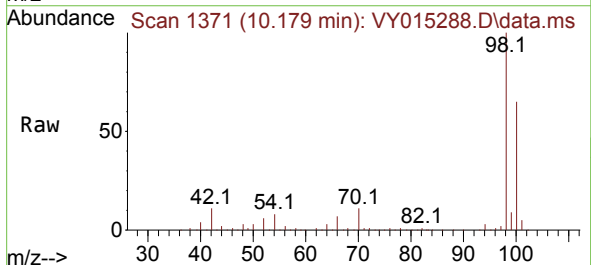


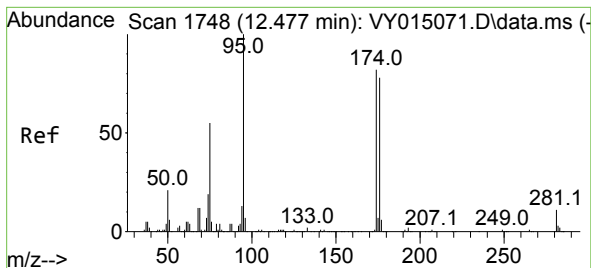
Tgt Ion:117 Resp: 12811
Ion Ratio Lower Upper
117 100
119 7.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.527 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

Tgt Ion: 98 Resp: 253505
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

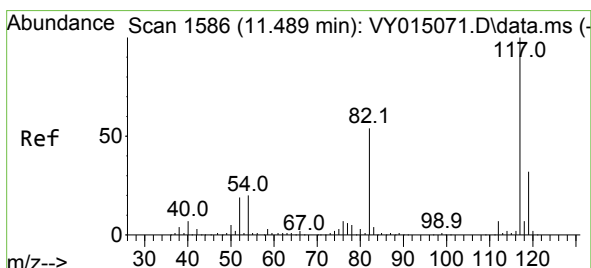
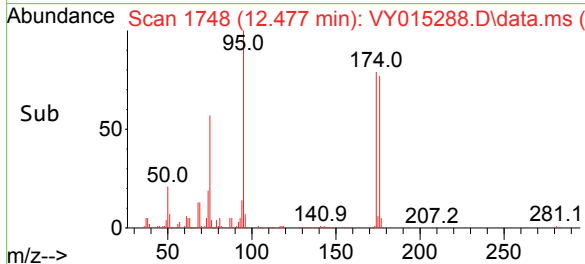
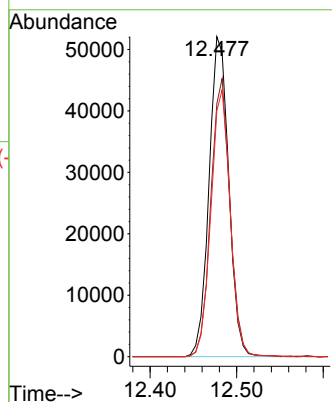
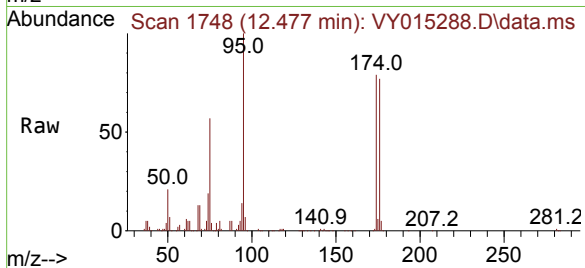




#62
4-Bromofluorobenzene
Concen: 44.056 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

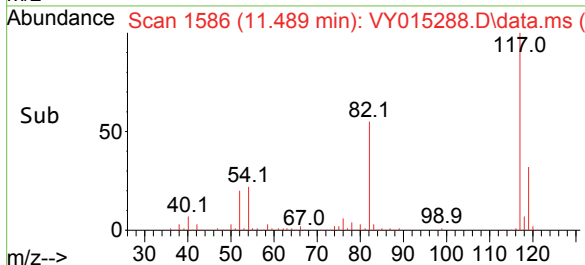
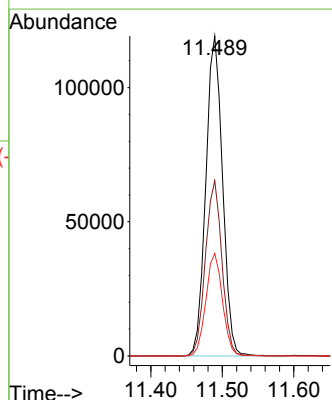
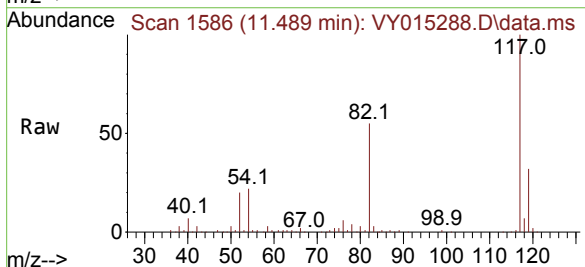
Instrument :
MSVOA_Y
ClientSampleId :

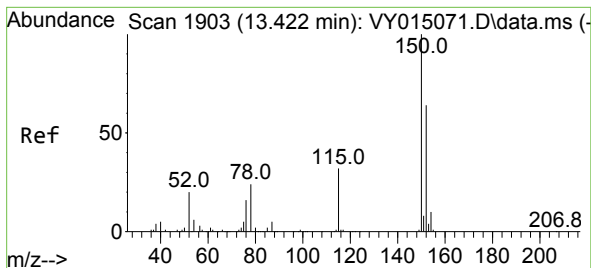
Tgt Ion: 95 Resp: 82363
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

Tgt Ion: 117 Resp: 193740
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

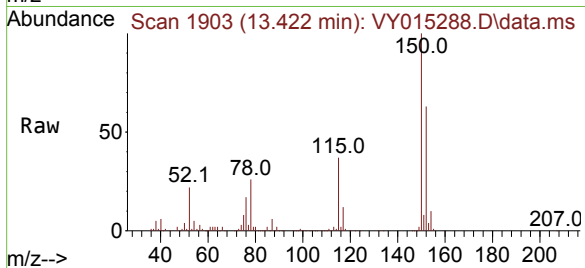
Lab File: VY015288.D

Acq: 23 Aug 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :



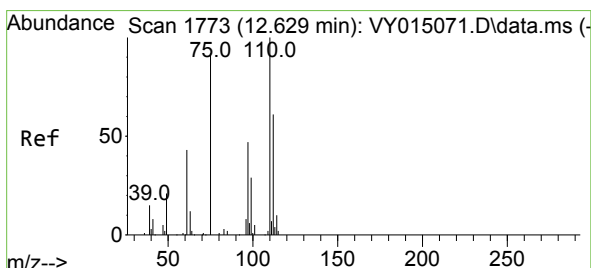
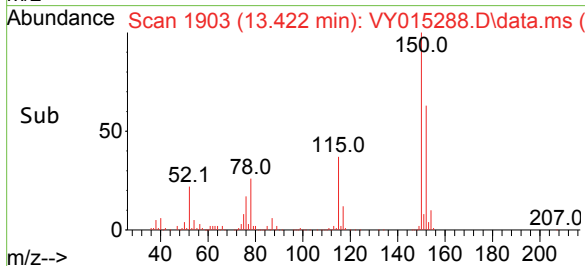
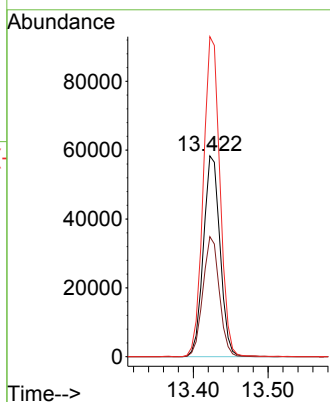
Tgt Ion:152 Resp: 90033

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 159.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.453 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015288.D

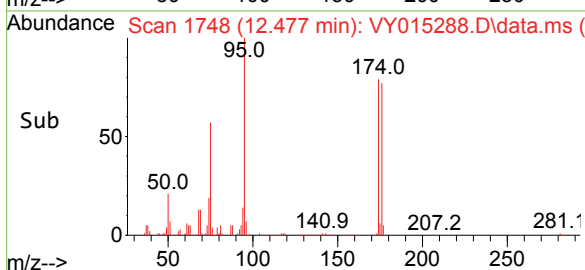
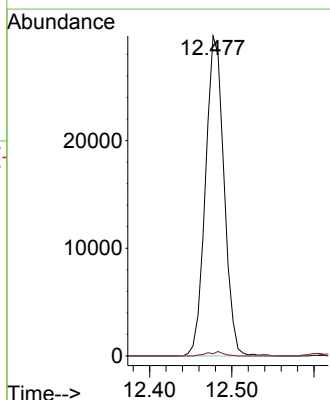
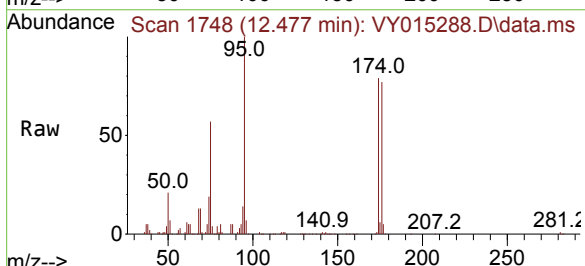
Acq: 23 Aug 2023 18:09

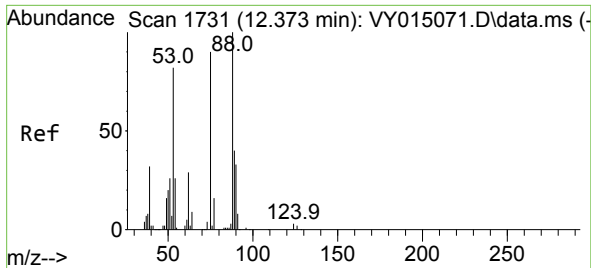
Tgt Ion: 75 Resp: 46437

Ion Ratio Lower Upper

75 100

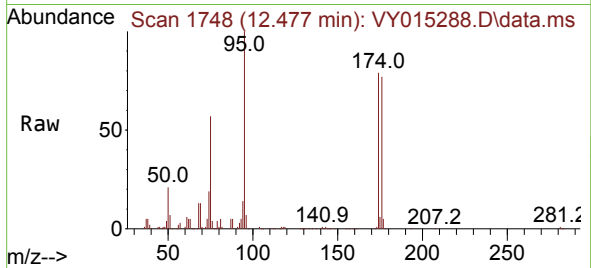
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.248 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY015288.D
Acq: 23 Aug 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

